

20020424.qrp v02_n535.qrl.20020424

Date: Wed, 24 Apr 2002 19:03:06 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2535

QRP-L Digest 2535

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by ARDUJENSKI@aol.com
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by "Kenneth Evans" <w4du@attbi.com>
- 5) [125423] HAMFEST ?
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- 8) [125426] Re: Death of Homebrew
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- 17) [125435] Hamfest Las Cruces-El Paso
by "Karl F. Larsen" <k5di@zianet.com>
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by "Francis Callahan" <colcal@srv.net>
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- by Tim ORourke <TORourke@KaiserFT.com>
- 20) [125438] Re: Subject: Site Developed by Phil Askey
by wkhibbert@juno.com
- 21) [125439] Homebrew
by "W2WU" <w2wurjj@verizon.net>
- 22) [125440] Re: [W1FB Books]
by "P.Ermisch" <ermisch@usa.net>
- 23) [125441] Results NEQRP SSB NET
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
- 24) [125442] Re: Hamfest Las Cruces-El Paso
by Chris Trask <ctrask@primenet.com>
- 25) [125443] Re: Hamfest Las Cruces-El Paso
by "Brian P. Mileschosky" <n5zgt@swcp.com>
- 26) [125444] Re: W1FB Books
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 27) [125445] Re: FS Spring Shack Cleanup
by "Rod N0RC" <rod@n0rc.com>
- 28) [125446] Re: [Re: W1FB Books]
by "P.Ermisch" <ermisch@usa.net>
- 29) [125447] PKS-31 on 6 Meters tonite
by wkhibbert@juno.com
- 30) [125448] RE: Correction for Ed
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 31) [125449] RE: Death of Homebrew
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- 32) [125450] Re: Homebrew
by "Dan Hogan" <dhhogan1@earthlink.net>
- 33) [125451] Mini Paddle question
by ARDUJENSKI@aol.com
- 34) [125452] Re: Homebrew
by "Dave Fifield" <dave@redhotradio.com>
- 35) [125453] RE: Homebrew
by "Tracy Markham" <tracy@bytemark.com>
- 36) [125454] RE: Homebrew
by David Hinerman <WD8CIV@worldnet.att.net>
- 37) [125455] Re: Death of Homebrew
by "Mike Yetsko" <myetsko@insydesw.com>
- 38) [125456] Re: Death of Homebrew
by "Rod N0RC" <rod@n0rc.com>
- 39) [125457] Re: Homebrew - comments
by "Charles Mabbott" <aa8vs@msn.com>
- 40) [125458] Re: Death of Homebrew
by "Jeff Davis" <n9avg@att.net>
- 41) [125459] Re: FS Spring Shack Cleanup
by "Rod N0RC" <rod@n0rc.com>
- 42) [125460] What Soldering iron??
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@Raytheon.com>
- 43) [125461] RE: Homebrew

- by Mighty Mik <mightymik2@attbi.com>
- 44) [125462] Re: What Soldering iron??
by David Hinerman <WD8CIV@worldnet.att.net>
- 45) [125463] Speaking of Home Brewing...DDS Update
by "Trevor Jacobs" <fxtech@earthlink.net>
- 46) [125464] Radio Boys books
by "Joe W2KJ" <w2kj@earthlink.net>
- 47) [125465] Great Oscillator (PT0) Kit
by "Tom Curtola" <tcurtola@rogers.com>
- 48) [125466] QRPTTF this Saturday!
by "J. Medley" <jmedley@ix.netcom.com>
- 49) [125467] Re: What Soldering iron??
by bob evinger <wd9eka@evinger.com>
- 50) [125468] Re: Hamfest Las Cruces-El Paso
by "Karl F. Larsen" <k5di@zianet.com>
- 51) [125469] Re: PSK31 Data Rate
by "Karl F. Larsen" <k5di@zianet.com>
- 52) [125470] HB: ATU tuning aid
by Steven Weber <kd1jv@moose.ncia.net>
- 53) [125471] Re: QRPTTF this Saturday!
by Corky Kirk <w6ors@juno.com>
- 54) [125472] Thanks for the information
by Mercxx@aol.com
- 55) [125473] solar charge controller...surplus
by Mighty Mik <mightymik2@attbi.com>
- 56) [125474] Re: QRPTTF this Saturday!
by Bruce Rattray <rattray@gpfn.sk.ca>
- 57) [125475] Re: QRPTTF this Saturday!
by Fred Lesnick <flesnick@tbaytel.net>
- 58) [125476] Re: solar charge controller...surplus
by "Brice D. Hornback" <bdh@cyberbound.net>
- 59) [125477] Re: Subject: Site Developed by Phil Askey
by <drachwitz@cox.net>
- 60) [125478] QRPTTF @ USS Kidd
by n5ib@juno.com

Date: Tue, 23 Apr 2002 23:02:01 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: w1rfi@arrl.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [125419] Re: Death of Homebrew
Message-ID: <3CC5E7E9.83A9D0EF@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed, and all

Shame Shame !!!! There is (in my opinion) nothing better than to see someone tackle a chassis and wiring of any project. Those of us that work in the metal trades LOVE it, but there are novices that do a very fine job with very limited tooling. BTW I have some 2 piece chassis punches that were made before WW2 they command high prices on e-pay but can be found cheap at hamfests. Besides these old eyes have problems with SMT parts. Hi Hi. Also in the new fanged tooling world there are step drills go to 1.5 inches in diameter this eliminates a lot of chassis punches in one tool.

Cut metal and melt solder.

Art
KB7WW

"Hare,Ed, W1RFI" wrote:

>

>
> The techniques are a bit different, but it has GOT to be a lot easier than
> bending chasses and finding the correct Greenlee punch!
>
> For info and articles on how easy it is to use SMT, see:
>
> <http://www.arrl.org/tis/info/surface.html>
>
> 73,
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
>
> <Rest of signature deleted because people complained that it promoted ARRL>
>
> > -----Original Message-----
> > From: Jake Brodsky [<mailto:frussle@erols.com>]
> > Sent: Tuesday, April 23, 2002 2:27 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Re: Death of Homebrew
> >
> >
> > I stopped subscribing to Sciam several years ago. This article is one
> > example why. What this writer doesn't acknowledge is that homebrew
> > projects probably have similar parts counts to what they used to have

> > years back.
> >
> > The difference is in what those parts are and what level of
> > integration we expect of them. In the old days it was tubes and point
> > to point wiring. Then we migrated to transistors and printed
> > circuits. Then it went to chip level integration and now we play with
> > SMD circuits and prefabricated modules.
> >
> > What these folks don't acknowledge is that we're integrating our home
> > brew projects on a totally different scale. We're building things
> > today that were barely even conceivable 20 years ago.
> >
> > As for the numbers of hams building stuff... I suspect those numbers
> > haven't really changed much in relation to the population as a whole.
> > I think ham radio enjoyed a bubble of technophilia for a few decades.
> > Finally, however, that bubble has burst. Appliance operators are
> > fewer and fewer, but home brewers seem to have gained in popularity,
> > if anything. In many ways it's easier to build stuff today than it
> > ever has been.
> >
> > I think the article laments a problem that doesn't exist. And
> > naturally, this being the Scientific American of today, they didn't
> > peer review this commentary with any hams who might have lived through
> > that rosey eyed view of the past. Sigh.
> >
> > 73,
> >
> > Jake Brodsky, AB3A <mailto:frussle@erols.com>
> > "Beware of the massive impossible!"
> >

Date: Tue, 23 Apr 2002 15:14:13 -0700
From: "Darrel E. Jones" <wd6bor@vom.com>
To: <SMurph555@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [125420] Re: The History of QRP - A Great Read!
Message-ID: <[018501c1eb19\\$1bd777a0\\$66dd913f@default](mailto:018501c1eb19$1bd777a0$66dd913f@default)>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am another ham who votes "History of QRP" one of the outstanding books on amateur radio. Reading it, I realized that low power operation and making do with less is a philosophy that has been around from the beginnings of

amateur radio. Hopefully, Ade still has copies or this book is still in print.

72,

Darrel, WD6BOR

----- Original Message -----

From: <SMurph555@aol.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Sunday, April 21, 2002 4:38 PM

Subject: The History of QRP - A Great Read!

> Hi all,

> I agree with W2AGN - Ade Weiss's "The History of QRP" is well worth
> reading and rereading! I particularly enjoyed the tales of the chap who
> operated from rural New Mexico in the 1930s!

> Another, somewhat obscure book, much less known than "Two Hundred
Meters

> and Down" that's also a great read is Clinton DeSoto's "Calling CQ".

> Any comments please to caljsi@aol.com

> 72/73

> Cal K4JSI

>

>

Date: Tue, 23 Apr 2002 19:45:11 EDT

From: ARDUJENSKI@aol.com

To: qrp-1@lehigh.edu

Subject: [125421] Got WM-2 manual --THANKS

Message-ID: <13e.d43e000.29f74c07@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

As usual you hav responded in record fashion. Thank you all your help
Alan KB7MBI

Date: Wed, 24 Apr 2002 00:37:30 +0100

From: "Kenneth Evans" <w4du@attbi.com>

To: "QRP-1" <qrp-1@Lehigh.EDU>

Subject: [125422] Re: Death of Homebrew

Message-ID: <000301c1eb1f\$d6a16720\$6601a8c0@attbi.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those that think homebrew is dying, come to FDI and see what your
fellow hams are building.
Check out the details at: <http://www.qrparci.org/fdim64.html>

72/3,
Ken W4DU
w4du@arrl.net
QRP ARCI #696, GQRP, NOGA, FP #295, NORCAL, ARRL-Life

Date: Tue, 23 Apr 2002 20:58:18 -0400
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [125423] HAMFEST ?
Message-ID: <20020423.205824.8974.1.kc8aon@juno.com>

Anyone going to the Athens, Ohio hamfest this coming Sunday ? If all goes
well, i plan on going, maybe we can do an eyeball qso.

Rick McKee, KC8AON
Willow Wood, Ohio
QRP - Do more with less !

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<http://dl.www.juno.com/get/web/>.

Date: Tue, 23 Apr 2002 21:27:56 -0400
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [125424] Re: Death of Homebrew
Message-ID: <B8EB825C.20FC%john@wagner-usa.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

I would like to clarify my position on this issue somewhat.

I'm not saying that hardware tinkering/homebrewing is dead, or going away. I am saying that it appears to me, and empirical evidence backs up the notion, that its popularity and its importance in our society has diminished. The next great computer hardware or radio hardware advance probably won't be coming from someones garage or basement. I'm not saying it can't, but odds are it won't.

The advent of the PSK-31 mode is something I consider to be a great advance in radio/computer technology (particularly for QRP). However it utilized existing radio (hardware and modes) and existing computer hardware - the great advance was in the software and in the way it used the existing hardware.

I enjoy homebrewing and I hope others do to. However I don't feel that I'll ever be in the position to break new ground with anything I'm building or tinkering with at home. I do it to learn and explore and build something I can be proud of.

73,

John, N1Q0

> From: "Lee Mairs" <lmairs@cox.rr.com>

>

> This is very funny, but just the other day I was telling a friend how
> Manhattan-style techniques had opened up home brewing to me for the first
> time in about 25 years! While I know the Dave Benson's of the world aren't
> getting rich with their kits, sooner or later, new hams should discover the
> joy of making their own rigs.

> 73 de Lee

> KM4YY

>

> ----- Original Message -----

> From: "John Wagner" <john@wagner-usa.net>

>> I'd like to offer a somewhat different take on this article.

>>

>> I would say that everything is as it should be.

>>

Date: Tue, 23 Apr 2002 21:34:42 -0400

From: Paul Womble <pwomble1@tampabay.rr.com>

To: unlisted-recipients;; (no To-header on input)

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [125425] How to keep homebrew alive
Message-ID: <3CC60BB2.5B171EE9@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Keep all of those homebrew rigs out of the grave. Give 'em a workout this weekend. Someone will win a plaque for the top QRP score. Will it be you?

<http://www.qsl.net/fqp>

Florida QSO Party 2002...just work it!

Paul K4FB

Date: Tue, 23 Apr 2002 21:42:10 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [125426] Re: Death of Homebrew
Message-ID: <001101c1eb31\$41d09c80\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You know, a lot depends on what you classify as 'homebrew'. Is a K2 homebrew? Not really. Is PSK31 homebrew? I don't think even there.

Kits are not homebrew. At least, not pure homebrew in my mind.

But, I think there really IS a lot of homebrew going on. Maybe not so much 'hardware oriented' to radio, but 'radio associated'. People doing HAM radio stuff with computers. Interfaces, software, 'management', control.

I see a lot of it, but it's not always where you look. Hey, at one point 5 of the cards in my PC-AT were homemade, wirewrap or 3-M textool. And 2 of them might be considered HAM oriented... But they wouldn't be as obvious as the 'tube construction articles' you saw in the 60's.

Mike

Date: Tue, 23 Apr 2002 06:45:11 -0700
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@Lehigh.EDU>
Subject: [125427] Correction for Ed
Message-ID: <008d01c1eacd\$19ba0060\$4a0b0d0a@dph.dpol.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ed, I want to do this publicly, not to embarrass you but to set the record straight. The surface mount kits were given to me by Gary Diana and Brad Mitchell who owned Embedded Research at that time. (Brad has since stepped out of the business and Gary runs it now.) They wanted to have a bunch of qrpers build using surface mount, and decided to do a promotion. I had stopped by to visit them, and they sprung it on me. They said to take them to a QRP Event and organize a building session. The next event that I was going to was Ft. Tuthill, so I emailed Bob Hightower and asked if he could help arrange to have some soldering stations, and tools (tweezers and magnifying glasses) for the guys on real short notice. Bob and Mike Connor came through in great fashion. It was the Arizona ScQRPions who had the event, not NorCal, although, I did give them to the guys from Gary and Brad. But I was just a courier. Bob and Mike did all the work, plus several other ScQRPions. And I am talking about 5 or 6 days notice too!! If I recall all but one kit worked, and they got that one working later. Speaking of Ft. Tuthill, JoAnne and I will be attending this year after missing last years event. Can't wait to see all the guys. I am sure that Brian or Bob will give us the dates, but I believe it is the last weekend in July, and I plan on being their with my trailer Bob, so save my spot, grin.

Date: Tue, 23 Apr 2002 21:48:42 -0500
From: Dave Redfearn <n4elm@attbi.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [125428] FS: SGC-2020 QRP HF transceiver
Message-ID: <3CC61D0A.5216F348@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

SGC 2020 QRP HF Transceiver

USB, LSB, and CW
1.8 - 30 MHZ - Ham band transmit, general coverage receive
0 - 20 watts PEP adjustable output
RIT, PBT, selectable audio filters, Digital display, 20 memories, CW
keyer (5-60 wpm)
2.75H X 6W X 7L (inches)

Very good to excellent condition, everthing works
includes: DC power cord (cig lighter plug), microphone, manual, original
box

Does NOT have optional ADSP, Can be factory upgraded for ADSP at
additional cost.

Asking \$500.00 OBO + shipping from 75070

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Tue, 23 Apr 2002 23:29:02 -0400
From: "Ronald Davis" <RDavis24@carolina.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [125429] Ten Tec 515 for sale or trade again
Message-ID: <000f01c1eb40\$2e007220\$a13e4a18@your318ruqz03z>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello

Other buyer backed out so here I go again. One very nice Ten Tec 515 with
matching PS. Has good PTO and good output on all bands. Very nice clean face
and cabinet. Not mint condition but it is close, it is the nicest I have
ever seen. It has extra knobs, extra end panels, dial string kit, manual and
two banana mics one with a stand. Will trade for Hammarlund receivers or
Hallicrafters receivers. I will sale complete for \$450 shipped in CONUS.
Will return money if not pleased, all I ask is for buyer to pay
shipping/insurance back to me. Email direct for information.

Thanks
Ronnie
KE4VPN

Date: Wed, 24 Apr 2002 01:27:24 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <grp-l@Lehigh.EDU>
Subject: [125430] Re: Death of Homebrew
Message-ID: <20020424010306.044560-1000000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

HA! What a laugh, Death of Homebrew! Someone must be drinking too much of the other kind of homebrew.

We have had a Quantum leap forward in Homebrewing and Kit Building in the past 5 to 10 years. QRP and QRPp is of course leading the pack and leaping into new frontiers.

Not only new forms of building, but even variations on some old methods as well.

You might find it a bit difficult to recreate some of the Vintage Projects, but even they are not impossible. Just takes a bit longer to scrounge up the bits and pieces.

Heck, I just got a new, old HRO-60 this year. Not only that, but I have an extra Dial for that VFO Project I had been thinking of making for a long time. No, it was not going to be a "Bottle Baby", it is actually a SMD Kit from Blue Rose Electronics in England. Just because a piece of gear has the "Vintage Look and Feel" does not have anything to do with what is inside of the "Black Box".

Hey, if they can do it with the "GLOBE KING 500D" why not something QRP?

FYI The "NEW GLOBE KING" can be seen on page 159 of the May 2002 QST.

No, It Ain't QRP (Not even Close), but it does show that some old things are going to be repeated.

Hey, That W8ZR EZ-Tuner on the Cover is not QRP either, but it sure is Pretty. Wonder if it will tune up on ONE WATT?

Parts, Oh, there are tons of parts out there. Don't they Re-Cycle where you live? Now that I think back on it, I got started on Re-Cycling back in the 60's. The man down the street gave me All of the Old T.V.'s that he could not fix. Gee, I wish I still had a few of them. The best one was the Bakelite Cased Motorola 10" I seem to recall. I used it for TV DXing back then. Then there was the BIG Philco that just about ended my

TV & Electronics Experimenter Career. 800-0-800 is HOT!

I was rooting around recently and discovered a brand new set of contact wafers for the HRO Coil Sets. Guess that Means I can use the Extra Coils in another project. After all you can only use one Coil at a time in the HRO-60..

Friends, Parts will NEVER be the Death of Homebrew. People, maybe, but never parts...

QRPp Dx Tu, (C) 2002 K3TKS

Sir George, The First :^}

72 ES QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Commercial & Residential Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1,
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

Maryland Milliwatt Club QRP Reference Library, Donations Accepted.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Wed, 24 Apr 2002 01:43:51 -0400
From: "Ed Tanton" <n4xy@earthlink.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Cc: "NoGaQRP Reflector" <NoGaQRP@mailman.qth.net>
Subject: [125431] Website GD0s
Message-ID: <000c01c1eb53\$041f2f10\$c39efea9@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

*** Last week I got in a new (to me) EICO 710-A GD0. Yes, an '-A. It is

identical to several of the GDOs manufactured in the 70s/80s and 'private-lebelled'. It does say right on the unit EICO 710-A... and has an EICO manual. It was not a kit. A picture is available on my GDOs webpage <<http://www.n4xy.com/gdos.html>>. Please be patient with the loading times.

There are also a couple of new-to me-units you may not have seen before... including a Grundig I got from Australia; and a Lowe FX-1 I got from England... both earlier this year. These will all be at the next NoGA QRP club meeting the 1st SAT in May.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Wed, 24 Apr 2002 17:45:28 +0900
From: Junichi Nakajima <nakaji@crl.go.jp>
To: qrp-l@Lehigh.EDU
Subject: [125432] Re: epiphyte
Message-ID: <200204240839.RAA06635@ryuu.>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Bob,

As my understanding, the kit is already discontinued.
The simple SSB transceiver ever seen is a valuable one.
Still the Far Circuit is handling the epiphyte board of previous version.
But I suppose a few parts used in the Epyphite are few to find in market.
Especially MURATA 455Khz SSB ceramic filter is difficult to obtain even in Japan.

I hope you will find un-assembled kit in the QRP-L FS, or the next transceiver which will be released from SWL is your another choise to get nice 80m SSB transceiver.

JL1KRA/QRP Junichi

Date: Wed, 24 Apr 2002 05:05:22 EDT
From: IamSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [125433] Re:K7MX
Message-ID: <f7.1a369232.29f7cf52@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Subj: Re:K7MX
Date: 4/24/02 3:13:24 AM Eastern Daylight Time
From: RangerSF5
To: qrp-l@lehigh.edu

Hi Gang,
I received three E mails in less then 2 minutes from K7MX
First one was END CENTER HOLD
Second one went hall@netzero.net to, AOL,comcast.net and Netzero.net and subject contained
SPECIAL TOOL.
The third had his call and the subject had SOS.
All three had an attachment.=====

On another topic I called AOL and told them the mail is still messed up. They said they are trying to figure out what is wrong and that they gave me three months free.
I call my banks automated number and sure enough they didn't take anything out.
I received 2 more just a few minutes ago.
Is this a virus?
Bob
AF2Qrp <tm>

Date: Wed, 24 Apr 2002 06:21:04 EDT
From: Mercxx@aol.com
To: qrp-l@lehigh.edu
Subject: [125434] W1FB Books
Message-ID: <3d.1d2c7c4b.29f7e110@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good morning,

I am looking for W1FB's antenna notebook and Design notebook. So far everyone tells me they are out of print. Anyone know where I might be able to locate a copy?

72
Steve
N4TKP

Date: Wed, 24 Apr 2002 05:53:55 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [125435] Hamfest Las Cruces-El Paso
Message-ID: <Pine.LNX.4.44.0204240545150.2078-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you live near El Paso TX there is the Mesilla Valley Radio Club Bean Feed and swapfest on Sunday April 28, 2002. There will be talk in on the 146.64 and the Megalink.

The meal of beans and green chile meat sauce is served beginning at 11 AM. We start with coffee and fat pills at 8AM. If you want to talk about QRP come by at 6AM while I'm fixing the food.

No way to tell what the swap tables will have. But it's likely to be an old treasure.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 24 Apr 2002 05:59:24 -0600
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [125436] Swap TT2

Message-ID: <000901c1eb87\$7b4de7a0\$0cdd070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking to swap a TT-2 with all documents for a set of paddles Cal KF7ET

Date: Wed, 24 Apr 2002 08:02:15 -0400
From: Tim O'Rourke <TORourke@KaiserFT.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [125437] Re: Death of Homebrew
Message-ID: <0514B74864ACD511934400508BBB5E3415F6D0@EMAIL1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I too grew up building projects from articles. We had 3 major electronics distributors within blocks of my vocational high school. I frequented them every evening on way home. So I grew up in same time frame as most of you. I twisted many a resistor or capacitor lead around lugs and tube sockets. I still build kits and homebrew projects. I recently tried SMD and it is not as hard as you would imagine. Yes I do need lots of help with eyes but a good headset magnifier and a lighted magnifier work FB. Once I learned the technique it went smoothly. One caution place a sheet of white paper on floor so you can find the little buggers. There are still and I imagine will be for many years sources of kits and homebrew articles. The materials and construction techniques will change but the need for projects will be there.
Tim O'Rourke KG4CHX

Date: Wed, 24 Apr 2002 08:16:58 -0400
From: wkhibbert@juno.com
To: qrp-1@lehigh.edu
Subject: [125438] Re: Subject: Site Developed by Phil Askey
Message-ID: <20020424.082007.-316847.1.wkhibbert@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I received the above Email from <mailto:prospect@microsoft.com> My virus checker (AVG 6.0) quarantine it as having active content that may/may not contain a virus/trojan/worm

Did anyone else on the list get the same? Does anyone know a Phil Askey?
I don't.

Other than the quarantine copy, I deleted the rest (a 140K-Plus Email!)

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"
mailto:wb2vuo@arrl.net

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<http://dl.www.juno.com/get/web/>.

Date: Wed, 24 Apr 2002 09:15:10 -0400
From: "W2WU" <w2wurjj@verizon.net>
To: <TORourke@KaiserFT.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,
Subject: [125439] Homebrew
Message-ID: <001401c1eb92\$245e58c0\$71c2fea9@w2wu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

List:

I'd like to see a return of classic breadboard construction from the early vacuum tube days. OT's will remember tubes like the 221, 245, 995, & theDeForest triode.

Rigs using Fanstock Clips, etc. Transmitters using link coupling, copper tubing, & receivers using honeycomb coils...

Who'd like to build:

A real "Spark Gap" transmitter.

Very Low Frequency receivers for NAA or

Those using a real "cat's whisker"?

Anyone out there have similar interests? - W2WU

----- Original Message -----

From: Tim O'Rourke <TORourke@KaiserFT.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: 24 April, 2002 08:02
Subject: Re: Death of Homebrew

> I too grew up building projects from articles. We had 3 major electronics
> distributors within blocks of my vocational high school. I frequented them
> every evening on way home. So I grew up in same time frame as most of you.
> I twisted many a resistor or capacitor lead around lugs and tube sockets.
> I still build kits and homebrew projects.
<SNIP>
> There are still and I imagine will be for many years sources of kits and
> homebrew articles. The materials and construction techniques will change
> but the need for projects will be there.
> Tim O'Rourke KG4CHX

Date: Wed, 24 Apr 2002 07:26:39 -0600
From: "P.Ermisch" <ermisch@usa.net>
To: <qrp-1@Lehigh.EDU>
Subject: [125440] Re: [W1FB Books]
Message-ID: <20020424132639.18162.qmail@uadvg137.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

Hmmm. Amazon is showing that they still sell them. In fact, I purchased=
'design' a few months ago from them. Did you try the ARRL site?

Paul KB0LUR

Mercxx@aol.com wrote:

> Good morning,
> I am looking for W1FB's antenna notebook and Design notebook. So far =

> everyone tells me they are out of print. Anyone know where I might be a=
ble
to =

> locate a copy?
> =

> 72
> Steve
> N4TKP

Date: Wed, 24 Apr 2002 09:35:33 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>
To: neqrp@jonal.net, qrp-1@Lehigh.EDU
Subject: [125441] Results NEQRP SSB NET
Message-ID: <0F194D7E29.4CE67CB1-0N85256BA5.004A13E0@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Well its seems everyone could hear me and everyone else but I
could not hear much because of QRN and AMer QRM.

07:30PM EDST 3 checkins:

KC1FB	Jim	CT	TT509
K1CL	Chuck	MA	FT840
N1KRT	Joe	MA	

Thank you all for checking in and hope to hear you next week.

08:30PM EDST

AB8DF ED MI

Also received email from Dave, K1SWL, that he and Seab, AA1MY, could hear
me and AB8DF but

I could not hear them!! Well thanks for trying, got to get an antenna
outside!!!!

Again thank all that checked in, it is fun to see what 5 or 10 watts can do
on SSB.

See you next week, Ron N1ZSW

Date: Wed, 24 Apr 2002 06:47:38 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [125442] Re: Hamfest Las Cruces-El Paso
Message-ID: <Pine.BSI.3.96.1020424064711.28794A-100000@usr05.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Where exactly will this be held?

Chris

On Wed, 24 Apr 2002, Karl F. Larsen wrote:

```
> If you live near El Paso TX there is the Mesilla Valley Radio Club
> Bean Feed and swapfest on Sunday April 28, 2002. There will be talk in on
> the 146.64 and the Megalink.
>
> The meal of beans and green chile meat sauce is served beginning
> at 11 AM. We start with coffee and fat pills at 8AM. If you want to talk
> about QRP come by at 6AM while I'm fixing the food.
>
> No way to tell what the swap tables will have. But it's likely to
> be an old treasure.
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> http://www.zianet.com/k5di/
>
```

[illegible]

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Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Wed, 24 Apr 2002 08:05:35 -0600
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [125443] Re: Hamfest Las Cruces-El Paso
Message-ID: <003601c1eb99\$207a63a0\$f704b8d8@hlw11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Before you go to Las Cruces, NM's swapfest and Beanfeed on Sunday, come up north a few hours to Albuquerque on Saturday for our annual Spring Tailgate/Swapfest (our big hamfest is in August). It will be in the St. Paul's United Methodist Church parking lot, starting early (we're talking hamfest times here) on Saturday morning. Tailgating and admission is free and several dealers will be dealin' as well as lots of hams sellin' and buyin' their own gear.

The site of the swapfest is 9500 Constitution NE...take I-40 to Wyoming Blvd, head north on Wyoming until you see Constitution (a few lights after you get off the freeway). Head east on Constitution and you'll eventually see a church on the south side of the road with lots of happy hams occupying the whole parking lot. Talkin is the 145.33 and 444.00 MHz repeaters, both requiring a 100 Hz PL.

It is an outdoors event, so be prepared. Then after a leisurely drive back down south, you can continue your weekend of Amateur Radio fun at the Bean Feed and swapfest in Las Cruces, NM on Sunday that Karl mentioned below.

72,
Brian, N5ZGT
Albuquerque, NM
www.swcp.com/~n5zgt

----- Original Message -----

From: Karl F. Larsen <k5di@zianet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, April 24, 2002 5:53 AM
Subject: Hamfest Las Cruces-El Paso

>
> If you live near El Paso TX there is the Mesilla Valley Radio Club
> Bean Feed and swapfest on Sunday April 28, 2002. There will be talk in on
> the 146.64 and the Megalink.

>
> The meal of beans and green chile meat sauce is served beginning
> at 11 AM. We start with coffee and fat pills at 8AM. If you want to talk
> about QRP come by at 6AM while I'm fixing the food.
>
> No way to tell what the swap tables will have. But it's likely to
> be an old treasure.
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>
>

Date: Wed, 24 Apr 2002 10:12:21 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: Mercxx@aol.com, qrp-1@Lehigh.EDU
Subject: [125444] Re: W1FB Books
Message-ID: <200204241413.g30EDUpm001022@rhombus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Steve -

I have copies in stock of the W1FB Design Notebook and the W1FB QRP
Notebook. I can't help you with his Antenna Notebook though...

> Good morning,
> I am looking for W1FB's antenna notebook and Design notebook. So far
> everyone tells me they are out of print. Anyone know where I might be able
> to locate a copy?
>
> 72
> Steve
> N4TKP

73 - Bill - N8ET
Kanga US
kanga@bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Wed, 24 Apr 2002 08:37:11 -0600
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [125445] Re: FS Spring Shack Cleanup
Message-ID: <000d01c1eb9d\$857625b0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

2 more items

FS/FT MS-30 Pics at: <http://www.frii.com/~rwc/ms30.html>

I've had my fun with this rig now it is someone else's turn. I guess
I'm turning into more of a builder than an operator. Anyway,

I'll trade even for an unbuilt SW+ for 20m

-OR-

Sell for \$50 shipped CONUS (then I can buy an SW+ to build! ;-)

F/S Yaesu NC-72B, 12v 500mA batt charger \$15 shipped CONUS

Works FB. Used with VX-5R, FT-817, VX-150 and probably others.

73, Rod N0RC
Ft Collins, CO

Date: Wed, 24 Apr 2002 08:38:15 -0600
From: "P.Ermisch" <ermisch@usa.net>
To: <qrp-l@Lehigh.EDU>
Subject: [125446] Re: [Re: W1FB Books]
Message-ID: <20020424143815.5734.qmail@uwdvg002.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: quoted-printable

Ah - didn't read closely enough. 'W1FB Novice Antenna Notebook'? Used copies available at Amazon.

"Bill Kelsey - N8ET - Kanga US" <kanga@bright.net> wrote:

> Steve - =

> =

> I have copies in stock of the W1FB Design Notebook and the W1FB QRP =

> Notebook. I can't help you with his Antenna Notebook though...

> =

> > Good morning,

> > I am looking for W1FB's antenna notebook and Design notebook. So far

> > everyone tells me they are out of print. Anyone know where I might be=

able

> > to locate a copy?

> > =

> > 72

> > Steve

> > N4TKP

> =

> =

> 73 - Bill - N8ET

> Kanga US

> kanga@bright.net

> <http://www.bright.net/~kanga/>

> 419-423-4604

Date: Wed, 24 Apr 2002 10:38:00 -0400

From: wkhibbert@juno.com

To: qrp-1@lehigh.edu

Subject: [125447] PKS-31 on 6 Meters tonite

Message-ID: <20020424.103801.-378759.0.wkhibbert@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello again, Keith here in the Depths of the Great Bergen Swamp

I received a couple of replies to my earlier Email on VHF PSK-31.

I have a sked at 8 PM EDT (0000 UTC 25 Apr 2002) with N2QXF, Nick in Glenwood, NJ. I will be running 5 - 10 W PEP on 50.290 MHz USB with +1000hz audio.

Nick is in grid FN20 and I am in grid FN13ac. The path is about 250 miles.

Listen in, and join us if you can hear anything from either end.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"
mailto:wb2vuo@arrl.net

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<http://dl.www.juno.com/get/web/>.

Date: Wed, 24 Apr 2002 10:50:58 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [125448] RE: Correction for Ed
Message-ID: <125490A005E3D3118C9C00805FC743CC040F3BC8@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi, Doug,

Not embarrassed at all, and thanks for the clarification. Like many things in QRP, it sounds like it was a cinergy that really got the job done.

A hearty "good show" to both Norcal and the ScQRPions for all you do for QRP!

73,

Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Doug Hendricks [mailto:ki6ds@dph.dpol.net]

> Sent: Tuesday, April 23, 2002 9:45 AM

> To: Low Power Amateur Radio Discussion

> Subject: Correction for Ed

>

>

> Hi Ed, I want to do this publicly, not to embarrass you but to set the
> record straight. The surface mount kits were given to me by

> Gary Diana and

> Brad Mitchell who owned Embedded Research at that time.

> (Brad has since

> stepped out of the business and Gary runs it now.) They

> wanted to have a

> bunch of qrpers build using surface mount, and decided to do

> a promotion. I

> had stopped by to visit them, and they sprung it on me. They

> said to take

> them to a QRP Event and organize a building session. The

> next event that I

> was going to was Ft. Tuthill, so I emailed Bob Hightower and

> asked if he

> could help arrange to have some soldering stations, and tools

> (tweezers and

> magnifying glasses) for the guys on real short notice. Bob

> and Mike Connor

> came through in great fashion. It was the Arizona ScQRPions

> who had the

> event, not NorCal, although, I did give them to the guys from

> Gary and Brad.

> But I was just a courier. Bob and Mike did all the work,

> plus several other

> ScQRPions. And I am talking about 5 or 6 days notice too!!

> If I recall all

> but one kit worked, and they got that one working later.

> Speaking of Ft.

> Tuthill, JoAnne and I will be attending this year after

> missing last years

> event. Can't wait to see all the guys. I am sure that Brian
> or Bob will
> give us the dates, but I believe it is the last weekend in
> July, and I plan
> on being their with my trailer Bob, so save my spot, grin.
>

Date: Wed, 24 Apr 2002 10:53:17 -0400
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [125449] RE: Death of Homebrew
Message-ID: <125490A005E3D3118C9C00805FC743CC040F3BC9@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

> Is PSK31 homebrew? I don't think even there.

How about the guy that designed the encoding method and wrote the software?
As software-defined radio becomes a bigger part of Amateur Radio, we may
need to rethink the boundaries on what we call "homebrew."

<http://www.arrl.org/tis/info/sdr.html>

73,
Ed Hare, W1RFI
ARRL Lab
225 Main St
Newington, CT 06111
Tel: 860-594-0318
Internet: w1rfi@arrl.org
Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Mike Yetko [mailto:myetsko@insydesw.com]
> Sent: Tuesday, April 23, 2002 9:42 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Death of Homebrew

>

>

> You know, a lot depends on what you classify as 'homebrew'. Is a K2
> homebrew? Not really. Is PSK31 homebrew? I don't think even there.

>

> Kits are not homebrew. At least, not pure homebrew in my mind.

>
> But, I think there really IS a lot of homebrew going on. Maybe not so
> much 'hardware oriented' to radio, but 'radio associated'.
> People doing
> HAM radio stuff with computers. Interfaces, software, 'management',
> control.
>
> I see lot of it, but it's not always where you look. Hey,
> at one point
> 5 of the cards in my PC-AT were homemade, wirewrap or 3-M textool.
> And 2 of them might be considered HAM oriented... But they wouldn't
> be as obvious as the 'tube construction articles' you saw in the 60's.
>
> Mike
>
>

Date: Wed, 24 Apr 2002 08:47:56 -0700
From: "Dan Hogan" <dhhogan1@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [125450] Re: Homebrew
Message-ID: <3CC6713D.15124.25F3FC@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

NOPE. I'm 67 and I got in on the earlier tube homebrew stuff, the point-to-point building. The happiest discovery I made was building with transistors and the low voltage designs. When I can get a kip for what I want I kit/bag o'parts build, it's been cheaper than building from scratch. There no local "Electronics Stores" with a complete selection of parts in stock that I have found. Most from scratch built seems stuff seems to cost more than manufactured items.

On 24 Apr 2002, at 9:15, W2WU wrote:

> List:
> I'd like to see a return of classic breadboard construction from the early
> vacuum tube days. OT's will remember tubes like the 221, 245, 995, &
> theDeForest triode. Rigs using Fanstock Clips, etc. Transmitters using link
> coupling, copper tubing, & receivers using honeycomb coils... Who'd like to
> build: A real "Spark Gap" transmitter. Very Low Frequency receivers for NAA or
> Those using a real "cat's whisker"? Anyone out there have similar interests? -
[Snip original message]
Dan Hogan WA6PBY
dhhogan1@earthlink.net

West Covina,CA
QRP-L #558

Date: Wed, 24 Apr 2002 12:37:36 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [125451] Mini Paddle question
Message-ID: <154.cdee4cb.29f83950@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am new to the world of paddles and no I will not be learning Iambic in the near future (squeeze method). I am presently practicing on a Bencher. I want to use paddles with my Sierra and SW+ rigs backpacking/hiking. I was looking for one that is fairly durable, nice feel to operate and easy to use in the field. I know there is the Palm paddle, Whiterook, Bulldog, Te-Ne-Key and Paddlette for example.

Reading eham the reviews are inconclusive. Also costs seem to vary from about \$20 up to \$80. I know choosing a paddle is like choosing a car or shoes--mostly personal preferences but balancing ease of operation, good construction and "feel," those that have used mini paddles in the wilds do you have any insight/recommendations you could share? It can help me narrow down the choices

If you have a used one for sale that you recommend let me know--this way the trial and error phase for me may not be to costly (smile). BTW eham is a good place to share your comments on various pieces of gear.

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

Date: Wed, 24 Apr 2002 09:53:48 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: <w2wurjj@verizon.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [125452] Re: Homebrew
Message-ID: <002601c1ebbb0\$9b283700\$0200a8c0@AD6A>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Why? I can't use a spark gap transmitter. I have plenty of VLF receivers already and have no interest in "NAA" (whatever that is), and I cannot imagine how useless a "cat's whisker" RX would be on 40m.....

No thanks. I'd much rather be designing and building state of the art transceivers - like a high level mixer driven by a clean DDS, 22 bit (or better) A/D and D/A to/from baseband and then DSP the rest in software.....as a kit, using surface mount parts, of course.

Or, how about homebrewing some QRP microwave rigs? It's easy these days and you'd be surprised how much fun it is getting out to operate them.

Having been first licensed in 1973 and having designed and built my fair share of real cat's whisker RX's, tube rigs, and even a spark gap transmitter (don't ask!), I have no compunction to want to wallow in the nostalgia of that old technology.

Each to his own. I prefer to look to new technology for my homebrewing, not back to the old days. BTW, FWIW, IMO homebrewing has never been more alive than it is today.

72, Dave, AD6A

----- Original Message -----

From: "W2WU" <w2wurjj@verizon.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, April 24, 2002 6:15 AM

Subject: Homebrew

> List:

> I'd like to see a return of classic breadboard construction from the early
> vacuum tube days. OT's will remember tubes like the 221, 245, 995, &
> theDeForest triode.

> Rigs using Fanstock Clips, etc. Transmitters using link coupling, copper
> tubing, & receivers using honeycomb coils...

> Who'd like to build:

> A real "Spark Gap" transmitter.

> Very Low Frequency receivers for NAA or

> Those using a real "cat's whisker"?

> Anyone out there have similar interests? - W2WU

Date: Wed, 24 Apr 2002 10:11:04 -0700
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [125453] RE: Homebrew
Message-ID: <NFBBKLDHALEHCJMAJPKFGECHDAAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

BTW,
FWIW, IMO homebrewing has never been more
alive than it is today.

72, Dave, AD6A

I have to agree, although to a much different flavor. A lot of digital experimenters out there - and a lot of guys using digital control over analog circuits. I've been looking for help with this kind of thing and I've found a lot of groups on Yahoo, etc. that are doing digital homebrew of hardware. Mostly robotics and the like.

There are a lot of neat things out there that are applicable to QRP. Me, I'm still building my radio in a computer. I've built a controller card on an ISA form that has an 8255a interface; I've found digitally controlled potentiometers, lcd's, optical shaft encoders ... it's fun and all to control some of my radio projects.

YUP homebrew is alive and gosh, it's fun!
Tracy N4LGH

Date: Wed, 24 Apr 2002 13:21:46 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [125454] RE: Homebrew
Message-ID: <5.1.0.14.1.20020424131947.00a54ec0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:11 AM 4/24/2002 -0700, you wrote:
>FWIW, IMO homebrewing has never been more
>alive than it is today.

...or more intent on destruction - as anyone who watches Battlebots will
testify. (Grin)

Dave

"You can fool some of the people all of the time. That's enough to make a
living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 24 Apr 2002 13:29:28 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <w1rfi@arrl.org>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [125455] Re: Death of Homebrew
Message-ID: <005601c1ebb5\$dc4b12c0\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sure, for him! And probably even for the people who read the articles
about it, get the software, and then make their OWN devices as variants.
I'd even classify them as homebrew. But not the guy who just buys a kit,
builds it, plugs it in, and goes.

Mike

----- Original Message -----
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>

> > Is PSK31 homebrew? I don't think even there.
>
> How about the guy that designed the encoding method and wrote the
software?
> As software-defined radio becomes a bigger part of Amateur Radio, we may
> need to rethink the boundaries on what we call "homebrew."

>
> <http://www.arrl.org/tis/info/sdr.html>
>
> 73,
> Ed Hare, W1RFI
> ARRL Lab
> 225 Main St
> Newington, CT 06111
> Tel: 860-594-0318
> Internet: w1rfi@arrl.org
> Web: <http://www.arrl.org/tis>
>
>
>
> > -----Original Message-----
> > From: Mike Yetko [mailto:myetsko@insydesw.com]
> >
> > You know, a lot depends on what you classify as 'homebrew'. Is a K2
> > homebrew? Not really. Is PSK31 homebrew? I don't think even there.
> >
> > Kits are not homebrew. At least, not pure homebrew in my mind.
> >
> > But, I think there really IS a lot of homebrew going on. Maybe not so
> > much 'hardware oriented' to radio, but 'radio associated'.
> > People doing
> > HAM radio stuff with computers. Interfaces, software, 'management',
> > control.
> >
> > I see a lot of it, but it's not always where you look. Hey,
> > at one point
> > 5 of the cards in my PC-AT were homemade, wirewrap or 3-M textool.
> > And 2 of them might be considered HAM oriented... But they wouldn't
> > be as obvious as the 'tube construction articles' you saw in the 60's.
> >
> > Mike

Date: Wed, 24 Apr 2002 11:40:52 -0600
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [125456] Re: Death of Homebrew
Message-ID: <001101c1ebb7\$2e9bf5c0\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The mail thread {not gizmos, software or other DIY stuff}.

When?

I certainly feel the subject has be covered thoroughly.

;-)

73, Rod NØRC
Ft Collins, CO

Date: Wed, 24 Apr 2002 13:42:26 -0400
From: "Charles Mabbott" <aa8vs@msn.com>
To: qrp-1@Lehigh.EDU
Subject: [125457] Re: Homebrew - comments
Message-ID: <F3XpwJd9dGmNFg6pgiB00004b2e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I have built a couple of Dave Benson's kits, great experience I might add. This should be done at least once, great sense of satisfaction.

Designing something from scratch, not at that level nor in near future, but we can have dreams I guess.

As more of the radios are starting to be PIC/ STamp or some offshoot of that, I am developing an interest in PIC and stamp programming. I have to thank ham radio for making me aware of this technology. Because I would have never been aware of its existance otherwise. Don't you love the exspanse of this hobby?

Would I like to build a tube type kit, Y E S and my reason is simple, have you saw the size of the components these days? My eyes are not what they should be and a tube is hard to hide under the edge of tray like a cap did. [Won't tell you how long I hunted for that]

Homebrewing never will die, but like ham radio will just become much more diverisfied. Did anyone see the article in CQ this month about planning an Access data base for a logging program?

I even got into a little web page development to assist a local

radio club makes its presence known. So in conclusion who can say how homebrewing will continue to grow, but I am confident it will be around a long time.

73

>From: "Dan Hogan" <dhhogan1@earthlink.net>
>Reply-To: dhhogan1@earthlink.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Homebrew
>Date: Wed, 24 Apr 2002 08:47:56 -0700
>
>NOPE. I'm 67 and I got in on the earlier tube homebrew stuff, the point-to-point building. The happiest discovery I made was building with
<snip>

73 oo
Chuck AA8VS

"Racial interaction is described by Physics,
for every action there is an opposite
reaction. We hate them, they hate us, and
we hate them back. And there you are, we are
trapped by mathematics."

-Londo B5

<http://aa8vs.dhs.org:81/aa8vs>

Join the world's largest e-mail service with MSN Hotmail.
<http://www.hotmail.com>

Date: Wed, 24 Apr 2002 12:49:19 -0400
From: "Jeff Davis" <n9avg@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,
<rod@n0rc.com>
Subject: [125458] Re: Death of Homebrew
Message-ID: <003201c1ebaf\$fd274d20\$03fb540c@c>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think you meant to say "exhaustively" instead of "thoroughly".

I know that because hitting the delete key this many times in one thread has thoroughly exhausted me!

: -)

72/Jeff, N9AVG
<http://www.qsl.net/n9avg>

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, April 24, 2002 1:40 PM
Subject: Re: Death of Homebrew

> The mail thread {not gizmos, software or other DIY stuff).
>
> When?
>
> I certainly feel the subject has be covered thoroughly.

Date: Wed, 24 Apr 2002 11:53:38 -0600
From: "Rod N0RC" <rod@n0rc.com>
To: <rod@n0rc.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [125459] Re: FS Spring Shack Cleanup
Message-ID: <005001c1ebb8\$f7b81230\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The MS-30 is spoken for. Thanks all.

R.

----- Original Message -----

From: "Rod N0RC" <rod@n0rc.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, April 24, 2002 8:37 AM
Subject: Re: FS Spring Shack Cleanup

> 2 more items
>
> FS/FT MS-30 Pics at: <http://www.frii.com/~rwc/ms30.html>
>
> I've had my fun with this rig now it is someone else's turn. I guess
> I'm turning into more of a builder than an operator. Anyway,
>
> I'll trade even for an unbuilt SW+ for 20m
>
> -OR-
>
> Sell for \$50 shipped CONUS (then I can buy an SW+ to build! ;-)
>
>
>
> F/S Yaesu NC-72B, 12v 500mA batt charger \$15 shipped CONUS
>
> Works FB. Used with VX-5R, FT-817, VX-150 and probably others.
>
>
> 73, Rod N0RC
> Ft Collins, CO
>
>
>
>

Date: Wed, 24 Apr 2002 13:16:21 -0400
From: "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@Raytheon.com>
To: qrp-l@Lehigh.EDU
Subject: [125460] What Soldering iron??
Message-ID: <0FC9981B34.44C08CE1-0N85256BA5.005EA3D6@and.us.ray.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I have a wonderful soldering iron for building kits, etc. But
what type of iron do you use for building wire antenna and
coax connections?

Also If I use a metal mast to hold up an inverted Vee, how far from the

mast should the balanced feedline be from the mast?

Thanks to all in advance.

Ron - N1ZSW

Date: Wed, 24 Apr 2002 11:29:29 -0700
From: Mighty Mik <mightymik2@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [125461] RE: Homebrew
Message-ID: <5.1.0.14.0.20020424112702.00b3ed40@mail.attbi.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

And some of the new bots showing up at this next event will be running homebrew controllers from the OSMC (open source motor controller) project.

At 01:21 PM 4/24/2002 -0400, you wrote:
>At 10:11 AM 4/24/2002 -0700, you wrote:
>>FWIW, IMO homebrewing has never been more
>>alive than it is today.
>
>...or more intent on destruction - as anyone who watches Battlebots will
>testify. (Grin)
>
>Dave
>
>
>-----
>"You can fool some of the people all of the time. That's enough to make a
>living." - Lance Burton
>-----
>Dave Hinerman
>WD8CIV@worldnet.att.net

Date: Wed, 24 Apr 2002 14:43:20 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [125462] Re: What Soldering iron??
Message-ID: <5.1.0.14.1.20020424143907.00a64960@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:16 PM 4/24/2002 -0400, you wrote:

>I have a wonderful soldering iron for building kits, etc. But
>what type of iron do you use for building wire antenna and
>coax connections?

Ron,

I have a Weller dual-heat soldering gun (100 - 140W) that I use for wire antennas and PL-259 connectors, but it's really a bit underpowered for that. It does OK in the summer, but when the temperature's below freezing and a 25 mph wind is blowing - in other words, customary antenna-building weather - it just can't quite keep up. My Dad had a bigger gun (250W, maybe?) that did well in those circumstances.

I've tried using a propane torch, but didn't have a lot of luck. Maybe if I'd cleaned the wire really well first, but when I tried it the solder just melted into little balls and rolled away.

Dave

"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 24 Apr 2002 11:47:10 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [125463] Speaking of Home Brewing...DDS Update
Message-ID: <007e01c1ebc0\$719ac0a0\$eb98b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Guys,

Well, with all the talk of homebrewing going on, I thought I'd update the list on the progress. I got the latest PC Boards in on Monday for the DDS Signal Generator, and also the parallel port uploader PCB's (put

one of those together and it worked great!). I've got most of the parts in for this round of boards, but the Displays won't be in until June (I had a rather frustrating discussion with Mouser yesterday about this as they were supposed to be in the first week of May!). For any of you on the list in the LA area that may be going to N6PY's this weekend for the AM BBQ Bash, I'll have the new version with me for a demo. BTW, I had to change the package of the caps in the LPF from 1206 to 0805's since the values were not available that I needed. Makes it a little harder to mount by hand but not bad when you get used to it. If this round of boards checks out, the next round will be silk screened and solder masked. Take care...

73's Trev KG6CYN

Date: Wed, 24 Apr 2002 15:05:01 -0400
From: "Joe W2KJ" <w2kj@earthlink.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [125464] Radio Boys books
Message-ID: <000701c1ebc2\$f0186d40\$ba34323f@cdcvh01>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

At the risk of being chastised for sending an off topic posting, I would be interested in knowing if any fellow QRP'ers collect the 1920's/1930's Radio Boys series books.

Believe in many of the books the "Radio Boys" homebrewed most of their equipment and operated at QRP levels....so perhaps I am safe:-)

I have some dupes to trade with others who collect these books. Please email me off-list if anyone has any interest in trading these books.

73, Joe W2KJ
North Carolina
I QRP, therefore I am

Date: Wed, 24 Apr 2002 15:10:56 -0400
From: "Tom Curtola" <tcurtola@rogers.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [125465] Great Oscillator (PTO) Kit
Message-ID: <002e01c1ebc3\$c384e0a0\$f44a9c18@bloor.phub.net.cable.rogers.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just received my PTO (Permability Tuned Oscillator) kit from Jim WA6OTP <http://www.wa6otp.com/pto.htm> in the mail yesterday. I put it together as per the included instructions, following the schematic and written instructions and it worked wonderfully. Took me about 2 hours from opening the package to final operation. (I wasn't rushing)

I recently overhauled a PTO that was slipping from a Ten Tec Century 21 for a friend. And when I compare the two, I must complement Jim on such a simple yet very effective and elegant design. That's what good engineering is all about.

It covers the entire 40 meter band. After winding the coil and removing a few windings, as per the instructions, to get it were I wanted it, the frequency range for mine is 6.980 MHz to 7.450 MHz. That sure beats trying to pull a xtal a couple of kcs each side of center. It is very stable with negligible drift after a few minutes of warm-up. The buffer amplifier is very effective. Changing the load on the output had no effect on the frequency.

For those of you lamenting the high cost of xtals, like me, for your homebrew projects, this will be a great device to replace those xtals and allow you to break free from being rock bound. He will be making the same kit for other bands too, but in the mean time, he does include a lookup table for capacitance, chokes and winding turns allowing you to get it to work on 160, 80, and 30 meters.

Check it out <http://www.wa6otp.com/pto.htm>

No SMD, no chips, just plain old discrete components and a coil you wind. Who said homebrew is dead? :-)

Tom Curtola
VA3TY
Toronto, Ontario - Canada
tcurtola@rogers.com

Date: Wed, 24 Apr 2002 13:15:23 -0600
From: "J. Medley" <jmedley@ix.netcom.com>
To: qrp-1@lehigh.edu
Subject: [125466] QRPTTF this Saturday!
Message-ID: <3CC7044B.A9B20A9F@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi folks, just a reminder that QRP to the Field is this Saturday!
Pack a lunch, let's have some fun!

Just in case your email program wraps the lines, the rules and
a summary sheet are available at
<http://www.fix.net/norcal.html>

72, and hope to work you!
Jan N0QT

QRP To The Field 2002 -- Water World Deja Vu

Date: Saturday, April 27, 2002
Time: 1500 to 2400 UTC (pick any 6 hours)
Bands: 40-20-15-10 meters, in the vicinity of the QRP calling
frequencies, please be courteous to others
Mode: CW only
Power out (QRP only): 5 watts or less

The theme for this year is to get outside and get as close as possible to a water location! Sorry...bathtubs, toilets, sinks, leaky plumbing, water bottles and the like don't count. Just about everyone has a nearby location that involves some kind of lake, pond, river, canal, ditch, whatever! If you can't get away to be near the water, then set up out in your back yard or on the back porch and be a field station. The whole idea of QRP to the Field is to get outside and operate! So pack a lunch and get out there. Let's have some fun! A note of seriousness here. Please keep your personal safety in mind, especially Marine Mobile stations. Don't attempt to go out on the water before the fog has cleared, and please don't stay out on the water after dark. We want to have everybody around for next year too. So use a little common sense and please obey the laws governing your location. Select any 6-hour operating period that works for you. If you need to split it up into two or three hour intervals to accomodate other plans, then do

so. Jump in there when you can, but only work a total of 6 hours.

Categories: Marine Mobile (MM) - must submit photograph of operating position! Whether you're on a ship, canoe, kayak, raft, innertube or what have you....if you are afloat, then you're marine mobile. DO NOT sign /MM after your callsign, it will be part of the exchange.

Ocean (OC) - must submit photograph of operating position!

This category also includes the Great Lakes
and the gulf, cuz those babies are huge!

Other water (WT) - inland lakes, rivers, streams, park ponds, ditches, canals, etc.

Field station (FD) - any station that is outdoors and not using commercial power or fixed antennas.

Home station (HO) - any station that is operating from an indoor or home location.

Exchange: RST + SPC + Category identifier (two letters)
Example: 559 NM WT

Scoring: 25 pts - for each MM station worked per band
20 pts - for each OC station worked per band
15 pts - for each WT station worked per band
10 pts - for each FD station worked per band
5 pts - for each HO station worked per band

SPCs: count once per band

Location Multipliers: MM = x5
OC = x4
WT = x3
FD = x2
HO = x1

Final Score: Total pts x Total SPC x Location = Final score

A summary sheet is available at the Norcal web site:
<http://www.fix.net/norcal.html>

Deadline: Send complete logs and summary sheets by June 1, 2002

Summary sheets must include a description of location and equipment used; also include photographs where indicated above. Pictures must show your station location and the water in the same field of view. Your log should include a minimum of time (in UTC), call sign of station worked, complete exchange received, RST sent (if not a static exchange). Incomplete submissions will be used as check logs.

Email submission (except MM & OC stations): send complete logs and summary sheets in ASCII text format only to:

n0qt@arrl.net

Please send text format only, all other forms will be rejected so no html, word processor documents or attachments please.

Snail mail (including MM & OC stations): send complete logs and summary sheets and photos to:

Jan Medley N0QT
QRPTTF 2002
P.O. Box 1768
Socorro NM 87801

Call Used: _____

Category code: _____ (MM / OC / WT / FD / HO)

Station Location:

Rig(s): _____ Antenna(s):

Highest Power: _____ W Exchanged info:

	STATE/PROVINCE/COUNTRY TOTALS	QSO

POINTS		MM	OC	WT	FD	
H0						
(5)		Pts ea	(25)	(20)	(15)	(10)
	40M = _____	40M =	_____	_____	_____	_____
	20M = _____	20M =	_____	_____	_____	_____
	15M = _____	15M =	_____	_____	_____	_____
	10M = _____	10M =	_____	_____	_____	_____
		TOTAL =	_____	_____	_____	_____

		YOUR LOCATION				
MULTIPLIER						
	TOTAL = _____ (All SPCs per band)	MM = x5	OC = x4	WT =		
x3		FD = x2	H0 = x1			
-----		-----				
FINAL SCORE = _____ X _____ X _____ =						
PTS						
QSO Pts	SPCs	Loc				

Comments:

:
:
:

I have followed all competition rules and all regulations for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the NorCal Contest Critter.

Date _____ Signature _____ Call

Date: Wed, 24 Apr 2002 14:19:21 -0500
From: bob evinger <wd9eka@evinger.com>
To: WD8CIV@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [125467] Re: What Soldering iron??
Message-ID: <3CC70539.7040409@evinger.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The answer to that problem is flux, flux and more flux. Also not putting the solder in the flame. You need to get the indirect heat and the copper needs to be very clean. Solder just outside of the flame area. I used to use an old propane torch head that wasnt much better than a 50 watt iron, weak flame. I have since replaced it with one of the newer vortex torch heads that is compatible with MAPP gas. Dont have any problems soldering with the torch now. I knew I needed to get a new torch head when I tried to solder a copper pipe Jpole and was losing ground. New torch head, 5 to 8 second burn on the flame and there was enough heat in the 1/2" copper to sweat the whole joint.

bob

David Hinerman wrote:

> At 01:16 PM 4/24/2002 -0400, you wrote:
>
>> I have a wonderful soldering iron for building kits, etc. But
>> what type of iron do you use for building wire antenna and
>> coax connections?
>
>

> Ron,
>
> I have a Weller dual-heat soldering gun (100 - 140W) that I use for wire
> antennas and PL-259 connectors, but it's really a bit underpowered for
> that. It does OK in the summer, but when the temperature's below
> freezing and a 25 mph wind is blowing - in other words, customary
> antenna-building weather - it just can't quite keep up. My Dad had a
> bigger gun (250W, maybe?) that did well in those circumstances.
>
> I've tried using a propane torch, but didn't have a lot of luck. Maybe
> if I'd cleaned the wire really well first, but when I tried it the
> solder just melted into little balls and rolled away.
>
> Dave
>
>
>
> -----
> "You can fool some of the people all of the time. That's enough to make
> a living." - Lance Burton
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net
>
>
>

--

Bob Evinger WD9EKA/AAR5MG(Army MARS operator)
If Guns Cause Crime, Then Matches Cause Arson.

Date: Wed, 24 Apr 2002 13:44:37 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Chris Trask <ctrask@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [125468] Re: Hamfest Las Cruces-El Paso
Message-ID: <Pine.LNX.4.44.0204241340100.2938-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It's being held at the Clubhouse. This is located off Highway 70
at Wilt Street. Go right on Wilt street 4 blocks to Jefferson. Look up and
you will see a TH6DXX Beam. In fact you can see it when you know where to

>
> Graphics by Loek Frederiks
>
>
>
>
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
http://www.zianet.com/k5di/

Date: Wed, 24 Apr 2002 13:54:15 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Matthew Collier/cis/evp/Okstate <mwc@okstate.edu>
Cc: qrp-l@lehigh.edu
Subject: [125469] Re: PSK31 Data Rate
Message-ID: <Pine.LNX.4.44.0204241349440.2938-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Matthew, I Cc this to the list since I don't have a real measure of the speed of PSK-31. I agree that it's faster than I type, but that's not very fast. I have a BRAG TAPE that's about a page of stuff and it sends in about a minute or a little more.

As you know there is no error correction on PSK-31, but it's sure amazing what good copy you get on most QSO's. It seems to be much better than 45 baud teletype.

On Wed, 24 Apr 2002, Matthew Collier/cis/evp/Okstate wrote:

> Karl,
>
> In a recent letter to QRP-L you were talking about how PSK31 is slow
> because of the baud rate being set at 31. Actually, the baud rate
> combined with the code, and error correction method if any determines the
> speed at which digital information is sent. PSK31 was designed to
> accomodate a generally fast typist. It should yeild 50wpm under normal
> conditions. Just a technicality.
>
> 73, Matthew AD5AP

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Wed, 24 Apr 2002 16:55:49 -0400
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [125470] HB: ATU tuning aid
Message-ID: <3.0.6.32.20020424165549.0079b610@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I just added a new project to my web page, an ATU tuning aid. Basicly, it's an oscillator, low power amplifier and return loss bridge. I copied the bridge out of Solid State Design and added the oscillator/amplifier and a simple RF detector. It puts about 5 to 10 mw of signal into your ATU, which you can then adjust for best 50 ohm match. This lets you adjust your ATU with out causing any (or much) QRM.

It's a pretty simple two transistor circuit, uses reasonably common parts and should be easy to build with Manhattan, ugly or Island cutter construction. Currently, mine fits on a 2.1" x 2.0" board, with oscillator coils for up to six bands.

As usual, if there is enough interest in a gizmo like this (and no doubt there will be) we'll think about doing up a quickie kit, maybe in a month or so.

<http://www.qsl.net/kd1jv/rlb.HTM> for the direct link to the project

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Tue, 23 Apr 2002 02:58:08 -1000

From: Corky Kirk <w6ors@juno.com>
To: jmedley@ix.netcom.com
Cc: qrp-1@Lehigh.EDU
Subject: [125471] Re: QRPTTF this Saturday!
Message-ID: <20020423.030021.-232573.3.w6ors@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jan,
Look for AL0HA operating from Hawaii. Will be operating from Moku Ola
Island (see <http://www.chem.hawaii.edu/uham/hiqrp3p.html>)
72
Corky W6ORS

On Wed, 24 Apr 2002 13:15:23 -0600 "J. Medley" <jmedley@ix.netcom.com>
writes:

> Hi folks, just a reminder that QRP to the Field is this Saturday!
> Pack a lunch, let's have some fun!
>
> Just in case your email program wraps the lines, the rules and
> a summary sheet are available at
> <http://www.fix.net/norcal.html>
>
> 72, and hope to work you!
> Jan N0QT
>
> -----
>
> QRP To The Field 2002 -- Water World Deja Vu
> -----
>
> Date: Saturday, April 27, 2002
> Time: 1500 to 2400 UTC (pick any 6 hours)
> Bands: 40-20-15-10 meters, in the vicinity of the QRP calling
> frequencies, please be courteous to others
> Mode: CW only
> Power out (QRP only): 5 watts or less
>
> The theme for this year is to get outside and get as close as
> possible to a
> water location! Sorry...bathtubs, toilets, sinks, leaky plumbing,
> water
> bottles and the like don't count. Just about everyone has a nearby
> location
> that involves some kind of lake, pond, river, canal, ditch,
> whatever! If
> you can't get away to be near the water, then set up out in your

> back yard
> or on the back porch and be a field station. The whole idea of QRP
> to the
> Field is to get outside and operate! So pack a lunch and get out
> there.
> Let's have some fun! A note of seriousness here. Please keep your
> personal
> safety in mind, especially Marine Mobile stations. Don't attempt to
> go out
> on the water before the fog has cleared, and please don't stay out
> on the
> water after dark. We want to have everybody around for next year
> too. So
> use a little common sense and please obey the laws governing your
> location.
> Select any 6-hour operating period that works for you. If you need
> to split
> it up into two or three hour intervals to accomodate other plans,
> then do
> so. Jump in there when you can, but only work a total of 6 hours.
>
> Categories: Marine Mobile (MM) - must submit photograph of
> operating
> position! Whether you're on a
> ship,
> canoe, kayak, raft, innertube or
> what
> have you....if you are afloat,
> then
> you're marine mobile. DO NOT sign
> /MM
> after your callsign, it will be
> part
> of the exchange.
>
> Ocean (OC) - must submit photograph of operating
> position!
> This category also includes the Great Lakes
> and the gulf, cuz those babies are huge!
>
> Other water (WT) - inland lakes, rivers, streams, park
> ponds, ditches, canals, etc.
>
> Field station (FD) - any station that is outdoors and
> not
> using commercial power or fixed
> antennas.
>

> Home station (H0) - any station that is operating from
> an
> indoor or home location.
>
>
> Exchange: RST + SPC + Category identifier (two letters)
> Example: 559 NM WT
>
> Scoring: 25 pts - for each MM station worked per band
> 20 pts - for each OC station worked per band
> 15 pts - for each WT station worked per band
> 10 pts - for each FD station worked per band
> 5 pts - for each H0 station worked per band
>
> SPCs: count once per band
>
> Location Multipliers: MM = x5
> OC = x4
> WT = x3
> FD = x2
> H0 = x1
>
> Final Score: Total pts x Total SPC x Location = Final score
>
> A summary sheet is available at the Norcal web site:
> <http://www.fix.net/norcal.html>
>
> Deadline: Send complete logs and summary sheets by June 1, 2002
> Summary sheets must include a description of location
> and equipment used; also include photographs where
> indicated above. Pictures must show your station
> location and the water in the same field of view. Your
> log should include a minimum of time (in UTC), callsign
> of station worked, complete exchange received, RST sent
> (if not a static exchange). Incomplete submissions will
> be used as check logs.
>
> Email submission (except MM & OC stations): send complete logs and
> summary sheets in ASCII text format only to:
>
> n0qt@arrl.net
>
> Please send text format only, all other forms will
> be rejected so no html, word processor documents
> or attachments please.
>
> Snail mail (including MM & OC stations): send complete logs and
> summary sheets and photos to:

>
>
> Jan Medley N0QT
> QRPTTF 2002
> P.O. Box 1768
> Socorro NM 87801
>
>
>

> -----

> Call Used: _____

> Category code: _____ (MM / OC / WT / FD / HO)

> Station Location:

> _____

> Rig(s): _____ Antenna(s):

> _____

> Highest Power: _____ W Exchanged info:

> _____

>
>
>

> |
> |
> | STATE/PROVINCE/COUNTRY TOTALS | QSO
> POINTS |
> | MM OC WT
> FD
> HO |
> | Pts ea (25) (20) (15)
> (10)
> (5) |
> | 40M = _____ | 40M = _____
> -----
> ----- |
> |
> | 20M = _____ | 20M = _____
> -----
> ----- |
> |
> | 15M = _____ | 15M = _____

```

> ----- |
> ----- |
> | |
> | 10M = ----- | 10M = -----
> ----- |
> ----- |
> | |
> | | TOTAL = -----
> ----- |
> ----- |
> |-----|
> | |
> | | YOUR LOCATION
> MULTIPLIER |
> | |
> | | | MM = x5 ___ OC = x4 ___
> | TOTAL = ----- (All SPCs per band) |
> WT =
> x3 --- |
> | |
> | | FD = x2 ___ HO = x1
> --- |
> | |
> |-----|-----
> -----|
>
> FINAL SCORE = ----- X ----- X ----- =
> PTS
> ----- QSO Pts SPCs Loc
>
> Comments:
> :
> :
> :
>
> I have followed all competition rules and all regulations for
> amateur
> radio in
> my country. My report is correct and true to the best of my

```


> knowledge.
> I agree
> to be bound by the decisions of the NorCal Contest Critter.
>
> Date _____ Signature _____
> Call
> _____
>
>

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Date: Wed, 24 Apr 2002 17:42:17 EDT
From: Mercxx@aol.com
To: qrp-1@lehigh.edu
Subject: [125472] Thanks for the information
Message-ID: <b2.a7d87ed.29f880b9@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Good afternoon,

I want to thank everyone who helped me locate the books. I have found all of them. This truly is a great list....

73
Steve
N4TKP

Date: Wed, 24 Apr 2002 14:50:57 -0700
From: Mighty Mik <mightymik2@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [125473] solar charge controller...surplus
Message-ID: <5.1.0.14.0.20020424144831.00b442d8@mail.attbi.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

anyone remember seeing a solar controller in any of the surplus places recently? i had the link, but my browser crashed and took the bookmarks with it.

I seem to think it was one of the usual surplus suspects, and was around \$15? Maybe NLA?

Date: Wed, 24 Apr 2002 16:01:58 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: "J. Medley" <jmedley@ix.netcom.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [125474] Re: QRPTTF this Saturday!
Message-ID: <Pine.LNX.4.33.0204241601350.9975-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...and we're having snow today....yuk...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Wed, 24 Apr 2002 18:12:34 -0400
From: Fred Lesnick <flesnick@tbaytel.net>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [125475] Re: QRPTTF this Saturday!
Message-ID: <3CC72DD2.E707AC0@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rain today, and now snow flurries here, it is 2211 z, Wednesday April 24/02.

Fred
VE3FAL
Bruce Rattray wrote:
>
> ...and we're having snow today....yuk...

>
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Wed, 24 Apr 2002 17:39:03 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: mightymik2@attbi.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [125476] Re: solar charge controller...surplus
Message-ID: <010d01c1ebe0\$d5fe50a0\$6501a8c0@lwrnce01.in.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

<http://www.goldmine-elec.com>

----- Original Message -----
From: "Mighty Mik" <mightymik2@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, April 24, 2002 4:50 PM
Subject: solar charge controller...surplus

> anyone remember seeing a solar controller in any of the surplus places
> recently? i had the link, but my browser crashed and took the bookmarks
> with it.
>
> I seem to think it was one of the usual surplus suspects, and was around
> \$15? Maybe NLA?
>

Date: Wed, 24 Apr 2002 18:42:38 -0400
From: <drachwitz@cox.net>
To: wkhibbert@juno.com
Cc: qrp-l@lehigh.edu
Subject: [125477] Re: Subject: Site Developed by Phil Askey
Message-ID: <20020424224237.RRSE18443.lakemtao02.cox.net@smtp.east.cox.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Phil Askey is the creator/operator of Digital Photography Review (www.dpreview.com) a premier digital photography website. He is held in very high regard and is likely not responsible for the email you received.

You may try visiting his website and dropping him an email to let him know about the situation.

73,
Dean
K7ADN

>
> From: wkhibbert@juno.com
> Date: 2002/04/24 Wed AM 08:16:58 EDT
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: Re: Subject: Site Developed by Phil Askey
>
> I received the above Email from mailto:prospect@microsoft.com My virus
> checker (AVG 6.0) quarantine it as having active content that may/may not
> contain a virus/trojan/worm
>
> Did anyone else on the list get the same? Does anyone know a Phil Askey?
> I don't.
>
> Other than the quarantine copy, I deleted the rest (a 140K-Plus Email!)
>
> 73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
> President, Brockport Amateur Radio Klub
> "My night light runs more power than my Rig!!!"
> mailto:wb2vuo@arrl.net
>
>
> -----
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>

Date: Wed, 24 Apr 2002 18:29:29 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [125478] QRPTTF @ USS Kidd
Message-ID: <20020424.162227.7559.1.n5ib@juno.com>

Look for W5KID as a MM station out of Baton Rouge LA aboard USS Kidd DD-661. The Mighty Mississippi is near flood stage and the Pirate of the Pacific is afloat. New picture QSLs are due in any day now.

K2 #1233 from the signal bridge, just aft of mount 52, high above the river, with a window-line-fed doublet. Maybe even K5E0A's K1 may make an appearance.

Shall we try the 10 meters on the hour thing again? - maybe Sol will relent and give us enough flux for 15 and 10 to open up.

72

Jim N5IB

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End of QRP-L Digest 2535
